

In accordance with 37 CFR 1.121, please substitute for amended claim 1 following rewritten versions of the same claims, as amended. The changes are shown explicitly in the attached "Version With Markings to Show Changes Made".

1. (Amended) Device for the quantified determination of the properties of surfaces having:

a first optical means comprising at least one illuminating means, its light directed at a predetermined angle to a measurement surface which is a part of the surface to be measured, as well as second optical means which is directed at a predetermined angle to the measurement surface and which receives the light reflected from said measurement surface, whereby said second optical means comprises at least one photosensor which emits an electrical measurement signal which is characteristic of said reflected light;

a control and evaluation means provided for controlling the measurement sequence and evaluating the measurement results and which comprises at least one processor and at least one memory means;

an output means;

wherein said illuminating means comprises at least one light source which is a light-emitting diode (LED),

said light sources of said illuminating means exhibit spectral characteristics such that radiation is emitted essentially uninterruptedly across essentially the entire visible spectrum;

wherein at least one intensity of one light source is controllable;

whereby a filter means is provided which is arranged in the path of radiation between said light source and said photosensor, and